



April 15, 2017

Mr. Tom Pelligrino
Executive Director
San Diego Cooperative Charter Schools
P.O. Box 13926
San Diego, CA 92170

Subject: Water Quality Investigation at Mountain View Campus

Dear Mr. Pelligrino:

The following information is provided as a closeout report for the recent water quality investigation and remediation work at the San Diego Cooperative School 2 located on the Emerson Elementary school property.

On January 26, 2017 the district Safety Office received a report of a water quality concern at the charter school, specifically room 127. The report indicated the presence of a sheen atop the water in a dog's water bowl. Safety staff were dispatched to the site to begin an investigation while bottled water, dispenser's and cups were delivered to the site by maintenance staff. Safety staff collected water samples from the site and delivered the samples to an accredited local laboratory for analysis to detect the presence of bacteria/fecal coliforms and volatile organic compounds (VOC).

On February 9 results were received indicating that there were no detectable levels of fecal coliforms; however, there were elevated levels of VOC. Safety office staff contacted the County Department of Environmental Health for consultation and were directed to an environmental consultant. On February 14 Forensic Analytical Consulting Services was retained by the district to provide technical support, water sampling and investigation services. Safety office staff also contacted the City of San Diego water department and requested their assistance. Both the consultant and city staff sampled water in multiple locations at both schools, verifying the presence of elevated levels of vinyl chloride in the water at the charter school. No vinyl chloride was detected from sample points on the Emerson side of the campus.

Since the presence of vinyl chloride in water is associated with the degradation of polyvinyl chloride (PVC), water conveyance components plumbers and plumbing estimator/inspectors were dispatched to the site to investigate the water conveyance system and site plumbing plans. At this time the only plumbing components identified as a potential source of the contamination were the flexible water lines supplying water from the copper piping to the fountains and faucets inside classroom sink cabinets. These flexible lines were removed and replaced.

After completion of the removal/replacement of the flexible lines the City returned to the site to conduct sampling. These samples indicated that vinyl chloride was still present in the water at the charter school campus. District maintenance planners were consulted again, and after an in-depth review of as-built drawings and historical work documents, they determined that there

was an underground section of PVC piping that was supplying water to a portion of the charter school campus.

In early March work was performed by maintenance plumbers to bypass the underground PVC water supply line by connecting all of the charter school buildings to a different water meter and all copper piping. Upon completion of this work city water staff resampled the water at the charter school for a final time. These samples indicated the remediation work performed by district plumbers was effective and that vinyl chloride was no longer present in the water.

During the course of this remediation and investigation work, the city met with district staff to discuss a new lead in drinking water sampling program enacted by the state water boards via the department of drinking water. During this meeting it was decided that lead sampling should be conducted at both the Emerson school and San Diego Cooperative Charter 2.

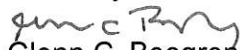
On March 7 City water staff collected 5 water samples from the charter school and analyzed them for the presence of lead. District safety staff also collected samples from the rooms that were not included in the city's sampling plan. The sampling conducted indicated lead in the water exceeded the action levels established by the State Water Resources Control Board via the Department of Drinking Water in 4 of the 10 buildings on the charter school campus.

District plumbing staff were again dispatched and conducted remediation work including the replacement of multiple fountains and associated components, replacement of multiple valves, and the replacement of a significant amount of copper piping and associated soldered brass fittings.

Upon completion of the remediation work performed by district plumbers the city and safety office staff returned to resample the 4 areas previously identified as having elevated levels of lead. On April 12 sample results were received indicating that the remediation work was effective and all samples indicated levels were below the action level. Copies of sample reports have been provided to you in a previous meeting. I have attached a spreadsheet to this letter which shows all sampling conducted at your school.

I hope the information contained in this letter and attachment provides you with the information you requested. If you have any questions or concerns regarding this please contact me.

Sincerely,



Glenn C. Boogren

Manager; Safety, Training, Personnel, & Environmental Compliance

